



Sheet 1 of 1

|   |   |   |            |                                  |                                  |                               |  |
|---|---|---|------------|----------------------------------|----------------------------------|-------------------------------|--|
| Form PTO-1449<br>(REV. 8-83)  |   | US Dept. of Commerce<br>PATENT & TRADEMARK OFFICE             |            | ATTY DOCKET NO.<br>116802        |                                  | APPLICATION NO.<br>10/657,141 |  |
| INFORMATION DISCLOSURE STATEMENT<br>(Use several sheets if necessary)   |   |   |            | APPLICANT(S)<br>Masao MURADE     |                                  |                               |  |
|   |   |   |            | FILING DATE<br>September 9, 2003 |                                  | GROUP<br>2815                 |  |
|   |   |   |            |                                  |                                  |                               |  |
| U.S. PATENT DOCUMENTS   |   |   |            |                                  |                                  |                               |  |
| EXAMINER<br>INITIAL   |   | DOCUMENT NUMBER   | DATE       | NAME                             | CLASS                            | SUB<br>CLASS                  |  |
| <i>me</i>   | 1 | 6,847,344   | 01/25/2004 | HA                               |                                  |                               |  |
| <i>me</i>   | 2 | U.S. Publication No. 2002/0047820                             | 04/25/2002 | HA                               |                                  |                               |  |
|   |   |   |            |                                  |                                  |                               |  |
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| FOREIGN PATENT DOCUMENTS  |   |   |            |                                  |                                  |                               |  |
|   |   | DOCUMENT NUMBER   | DATE       | COUNTRY                          | CLASS                            | SUB<br>CLASS                  |  |
| <i>me</i>   | 3 | KR 2002-0017434   | 03/07/2002 | KOREA                            |                                  |                               |  |
|   | 4 | JP-A-09-265110 (w/English<br>Language Abstract & Translation) | 10/07/1997 | JAPAN                            |                                  |                               |  |
|   |   |   |            |                                  |                                  |                               |  |
|   |   |   |            |                                  |                                  |                               |  |
|   |   |   |            |                                  |                                  |                               |  |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)  |   |   |            |                                  |                                  |                               |  |
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| EXAMINER  |   | <i>Michael C. Lee</i>   |            |                                  | DATE CONSIDERED<br><i>2/5/06</i> |                               |  |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |   |   |            |                                  |                                  |                               |  |

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Date: October 19, 2005